

=> d his

(FILE 'HOME' ENTERED AT 15:39:37 ON 04 MAY 2007)

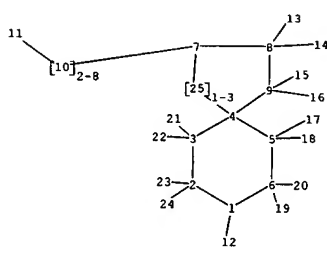
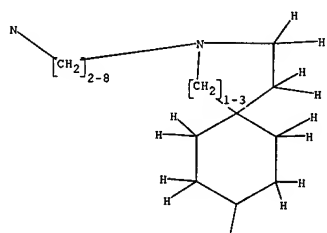
FILE 'REGISTRY' ENTERED AT 15:45:14 ON 04 MAY 2007

L1 STRUCTURE UPLOADED
L2 0 S L1
L3 0 S L1 FULL
L4 STRUCTURE UPLOADED
L5 0 S L4
L6 0 S L4 FULL
L7 STRUCTURE UPLOADED
L8 3 S L7
L9 110 S L7 FULL

FILE 'CAPLUS, USPATFULL' ENTERED AT 16:15:35 ON 04 MAY 2007

L10 93 S L9
L11 161629 S (TREAT? OR PREVENT? OR PERVENT? OR CONTROL? OR REDUC?) (3A) (
L12 5 S L10 AND L11
L13 1 S L10 (P) L11
L14 4 S L12 NOT L13

=>



chain nodes :
10 13 14 15 16 17 18 19 20 21 22 23 24

ring nodes :
1 2 3 4 5 6 7 8 9 25

ring/chain nodes :
11 12

chain bonds :
1-12 2-23 2-24 3-21 3-22 5-17 5-18 6-19 6-20 7-10 8-13 8-14 9-15 9-16 10-11

ring bonds :
1-2 1-6 2-3 3-4 4-5 4-9 4-25 5-6 7-25 7-8 8-9

exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 4-9 4-25 5-6 7-25 7-8 8-9

exact bonds :
1-12 2-23 2-24 3-21 3-22 5-17 5-18 6-19 6-20 7-10 8-13 8-14 9-15 9-16 10-11

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS11:CLASS12:CLASS13:CLASS
14:CLASS15:CLASS16:CLASS17:CLASS18:CLASS19:CLASS20:CLASS21:CLASS22:CLASS23:CLASS24:CLASS25:Atom

d 114 1-4 ibib

L14 ANSWER 1 OF 4 USPATFULL on STN

ACCESSION NUMBER: 2007:18063 USPATFULL
TITLE: Method of treating cancer with
azaspirane compositions
INVENTOR(S): Picker, Donald H, Basking Ridge, NJ, UNITED STATES
Henson, Geoffrey W., Ferndale, WA, UNITED STATES
Fricker, Simon, British Columbia, CANADA
Shailubhai, Kunwar, Norristown, PA, UNITED STATES
Jacob, Gary S., Creve Coeur, MO, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2007015780	A1	20070118
APPLICATION INFO.:	US 2004-548794	A1	20040310 (10)
	WO 2004-US7144		20040310
			20060815 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-452951P	20030310 (60)
	US 2003-474929P	20030603 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	MINTZ, LEVIN, COHN, FERRIS, GLOVSKY, AND POPEO, P.C., ONE FINANCIAL CENTER, BOSTON, MA, 02111, US	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	8 Drawing Page(s)	
LINE COUNT:	1512	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 2 OF 4 USPATFULL on STN

ACCESSION NUMBER: 2005:287535 USPATFULL
TITLE: Method of treating cancer with
azaspirane compositions
INVENTOR(S): Shailubhai, Kunwar, Norristown, PA, UNITED STATES
Jacob, Gary S., New York, NY, UNITED STATES
Picker, Donald H., Forrest Hills, NY, UNITED STATES
Henson, Geoffrey W., Ferndale, WA, UNITED STATES
Fricker, Simon, Langley, CANADA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005250801	A1	20051110
APPLICATION INFO.:	US 2004-796292	A1	20040310 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-452951P	20030310 (60)
	US 2003-474929P	20030603 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	PILLSBURY WINTHROP SHAW PITTMAN, LLP, P.O. BOX 10500, MCLEAN, VA, 22102, US	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	8 Drawing Page(s)	
LINE COUNT:	1516	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 3 OF 4 USPATFULL on STN

ACCESSION NUMBER: 1999:53641 USPATFULL

TITLE: Cytokine inhibitors
INVENTOR(S): Badger, Alison Mary, Bryn Mawr, PA, United States
High, Wanda Bernadette, Wayne, PA, United States
PATENT ASSIGNEE(S): AnorMED, Inc., Langley, Canada (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5900430		19990504
APPLICATION INFO.:	US 1997-779418		19970107 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1993-138178, filed on 15 Oct 1993, now patented, Pat. No. US 5602166 which is a continuation of Ser. No. US 1992-887628, filed on 22 May 1992, now abandoned which is a continuation of Ser. No. US 1991-657578, filed on 19 Feb 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Goldberg, Jerome D.		
LEGAL REPRESENTATIVE:	Murashige, Kate H. Morrison & Foerster, LLP		
NUMBER OF CLAIMS:	16		
EXEMPLARY CLAIM:	1		
LINE COUNT:	467		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 4 OF 4 USPATFULL on STN

ACCESSION NUMBER: 97:12504 USPATFULL
TITLE: Cytokine inhibitors
INVENTOR(S): Badger, Alison M., Bryn Mawr, PA, United States
High, Wanda B., Wayne, PA, United States
PATENT ASSIGNEE(S): SmithKline Beecham Corporation, Philadelphia, PA,
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5602166		19970211
APPLICATION INFO.:	US 1993-138178		19931015 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1992-887628, filed on 22 May 1992, now abandoned which is a continuation of Ser. No. US 1991-657578, filed on 19 Feb 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Goldberg, Jerome D.		
LEGAL REPRESENTATIVE:	Dustman, Wayne J., Venetianer, Stephen, Lentz, Edward T.		
NUMBER OF CLAIMS:	12		
EXEMPLARY CLAIM:	1		
LINE COUNT:	462		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d ibib ab kwic 4 hitstr

L14 ANSWER 4 OF 4 USPATFULL on STN

ACCESSION NUMBER: 97:12504 USPATFULL
TITLE: Cytokine inhibitors
INVENTOR(S): Badger, Alison M., Bryn Mawr, PA, United States
High, Wanda B., Wayne, PA, United States
PATENT ASSIGNEE(S): SmithKline Beecham Corporation, Philadelphia, PA,
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5602166		19970211
APPLICATION INFO.:	US 1993-138178		19931015 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1992-887628, filed on 22		

May 1992, now abandoned which is a continuation of Ser.
No. US 1991-657578, filed on 19 Feb 1991, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Goldberg, Jerome D.
LEGAL REPRESENTATIVE: Dustman, Wayne J., Venetianer, Stephen, Lentz, Edward T.
NUMBER OF CLAIMS: 12
EXEMPLARY CLAIM: 1
LINE COUNT: 462

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Invented are methods of inhibiting the production of cytokines, particularly inhibiting the production of interleukin-1 and inhibiting the production of tumor necrosis factor in a mammal in need thereof which comprises administering to such mammal an effective amount of an azaspirane derivative.

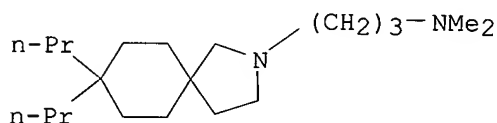
DETD . . . and subsequently cleaved at several sites to yield the mature hormone. While the active polypeptide itself has been evaluated for treatment of tumors due to its earlier reported antineoplastic activity, this administration has not been without many severe toxicities. Overproduction of TNF has. . .

IT 123018-34-8 124796-27-6
(cytokine formation inhibitor)

IT 123018-34-8 124796-27-6
(cytokine formation inhibitor)

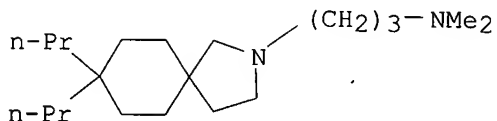
RN 123018-34-8 USPATFULL

CN 2-Azaspiro[4.5]decane-2-propanamine, N,N-dimethyl-8,8-dipropyl- (9CI) (CA INDEX NAME)



RN 124796-27-6 USPATFULL

CN 2-Azaspiro[4.5]decane-2-propanamine, N,N-dimethyl-8,8-dipropyl-, dihydrochloride (9CI) (CA INDEX NAME)



● 2 HCl

=>

> d ibib 113

L13 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:780500 CAPLUS

DOCUMENT NUMBER: 141:271547

TITLE: Method of treating cancer with azaspirane compositions

INVENTOR(S): Picker, Donald H.; Henson, Geoffrey W.; Fricker,
Simon; Shailubhai, Kunwar; Jacob, Gary S.

PATENT ASSIGNEE(S): Callisto Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 50 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	---	-----	-----	-----
WO 2004080408	A2	20040923	WO 2004-US7144	20040310
WO 2004080408	A3	20041209		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2518357	A1	20040923	CA 2004-2518357	20040310
US 2005250801	A1	20051110	US 2004-796292	20040310
EP 1610806	A2	20060104	EP 2004-719198	20040310
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK			
JP 2006519842	T	20060831	JP 2006-506985	20040310
US 2007015780	A1	20070118	US 2006-548794	20060815
PRIORITY APPLN. INFO.:			US 2003-452951P	P 20030310
			US 2003-474929P	P 20030603
			WO 2004-US7144	W 20040310
OTHER SOURCE(S):	MARPAT 141:271547			